

Form PTO-1449 (modified)

Atty. Docket No.  
UTSC:618US/SLHSerial No.  
09/899,807

## List of Patents and Publications for Applicant's

Applicant

Peng Huang, et al.

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:  
July 5, 2001Group:  
Unknown

U.S. Patent Documents

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Foreign Patent Documents

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Other Art

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
KAC	A1	5,504,074	4/2/96	D'Amato et al.	514	182	8/6/93
	A2	5,521,168	5/28/96	Clark	514	178	10/13/94
	A3	5,643,900	7/1/97	Fotsis et al.	514	182	3/17/95
	A4	5,661,143	8/26/97	D'Amato et al.	514	182	12/12/95
	A5	5,843,925	12/1/98	Backer et al.	514	153	12/13/94
	A6	5,854,009	12/29/98	Klug	435	7.93	9/18/96
	A7	5,856,315	1/5/99	Backer et al.	514	152	5/26/98
	A8	5,858,990	1/12/99	Walsh	514	44	3/4/97
	A9	5,874,461	2/23/99	de Chaffoy de Courcelles et al.	514	451	12/21/95
	A10	5,886,025	3/23/99	Pinney	514	443	3/6/97
	A11	5,892,069	4/6/99	D'Amato et al.	552	627	4/25/97
	A12	5,906,996	5/25/99	Murphy	514	674	8/21/97
	A13	5,935,995	8/10/99	Bosslet et al.	514	460	3/11/97
	A14	5,958,892	9/28/99	Mukhopadhyay et al.	514	44	7/30/96
	A15	6,017,949	1/25/00	D'Amato et al.	514	450	8/1/97
	A16	6,114,355	9/5/00	D'Amato	514	323	7/30/98
	A17	6,200,966B1	3/13/01	Stewart	514	178	6/11/99
	A18	6,218,594B1	4/17/01	Tsibris et al.	800	3	11/8/96
✓	A19	6,228,879B1	5/8/01	Green et al.	514	416	3/26/99
	A20	6,239,123B1	5/29/01	Green	514	182	8/10/99

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EXAMINER: Karen G. CanellaDATE CONSIDERED: 11/10/03

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## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
KAC	C1	Butler and Hoey, "The apparent inhibition of superoxide dismutase activity by quinones," <i>J. Free Radic Biol. Med.</i> , 2(1):77-81, 1986.
	C2	Caspary, <i>et al.</i> , "Bleomycin A <sub>2</sub> : A Ferrous Oxidase," <i>Mol. Pharmacol.</i> , 16:256-260, 1979.
	C3	Davies, "Oxidative stress: the paradox of aerobic life," <i>Biochem. Soc. Symp.</i> 61:1-31, 1995.
	C4	Eder, <i>et al.</i> , "Advances in steroid chemistry. Total synthesis of natural and non-natural steroid hormones," <i>J. Steroid Biochem.</i> , 11(1A):55-60, 1979.
	C5	Forman, <i>et al.</i> , "Mechanism for the potentiation of oxygen toxicity by disulfiram," <i>J. Pharmacol. Exp. Ther.</i> , 212(3):452-455, 1980.
	C6	Fotsis, <i>et al.</i> , "The endogenous oestrogen metabolite 2-methoxyoestradiol inhibits angiogenesis and suppresses tumor growth," <i>Nature</i> , 368:237-239, 1994.
	C7	Freeman and Ryan, "Wavelength dependence fo UV-induced pyrimidine dimer formation in DNA of human peripheral blood lymphocytes," <i>Mutation Res.</i> , 235:181-186, 1990.
	C8	Hassan and Fridovich, "Chemistry and biochemistry of superoxide dismutases," <i>Eur. J. Rheumatol. Inflamm.</i> , 4(2):160-172, 1981.
	C9	Heikkila, <i>et al.</i> , "In vivo inhibition of superoxide dismutase in mice by diethyldithiocarbamate," <i>J. Biol. Chem.</i> , 251(7):2182-2185, 1976.
	C10	Heikkila, <i>et al.</i> , "Inactivation of superoxide dismutase by several thiocarbamic acid derivatives," <i>Experientia</i> , 34(12):1553-1554, 1978.
	C11	Higuchi, <i>et al.</i> , "Inhibition of mitochondrial respiratory chain complex I by TNF results in cytochrome c release, membrane permeability transition, and apoptosis," <i>Oncogene</i> , 17(19):2515-2524, 1998.
✓	C12	Huang, <i>et al.</i> , "Superoxide dismutase as a target for the selective killing of cancer cells," <i>Nature</i> , 407:390-395, 2000.

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EXAMINER:

*Taren G. Canale*

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Exam. Init.	Ref. Des.	Citation
KAC	C13	Isenberg and Klaunig, "Role of the Mitochondrial Membrane Permeability Transition (MPT) in Rotenone-Induced Apoptosis in Liver Cells," <i>Toxicological Sciences</i> , 53:340-351, 2000.
	C14	Isenberg, <i>et al.</i> , "Inhibition of WY-14,643 induced hepatic lesion growth in mice by rotenone," <i>Carcinogenesis</i> , 18(8):1511-1519, 1997.
	C15	Kataoka, <i>et al.</i> , "An agent that increases tumor suppressor transgene product coupled with systemic transgene delivery inhibits growth of metastatic lung cancer in vivo," <i>Cancer Res.</i> , 58(21):4761-4765, 1998.
	C16	Kent and Blekkenhorst, "In vivo radiosensitization by diethyldithiocarbamate," <i>Radiat. Res.</i> , 116(3):539-546, 1988.
	C17	Kent and Blekkenhorst, "Time modulation effect of diethyldithiocarbamate (DDC) on radiosensitization by superoxide dismutase (SOD) inhibition," <i>Free Radic Res Commun.</i> , 2:595-599, 1991.
	C18	Kingham, <i>et al.</i> , "Overexpression of manganese superoxide dismutase protects against mitochondrial-initiated poly (ADP-ribose) polymerase-mediated cell death," <i>FASEB J.</i> , 13(12):1601-1610, 1999.
	C19	Kumagai, <i>et al.</i> , "Apparent inhibition of superoxide dismutase activity in vitro by diesel exhaust particles," <i>Free Radic Biol. Med.</i> , 18(2):365-371, 1995.
	C20	Lee and Wei, "Mitochondrial role in life and Death of the cell," <i>J. Biomed. Sci.</i> , 7(1):2-15, 2000.
	C21	Nishi, <i>et al.</i> , "Involvement of active oxygen in lipid peroxide radical reaction of epidermal homogenate following ultraviolet light exposure," <i>J. Invest. Dermatol.</i> , 97:115-119, 1991.
	C22	Nishigaki, <i>et al.</i> , "Effect of Cyclobutane Pyrimidine Dimers on apoptosis Induced by Different Wavelengths of Uvt," <i>Photochem Photobiol.</i> , 70(2):228-235, 1999.
	C23	Oldham, <i>et al.</i> , "Inhibition of Superoxide Dismutases by 2-Methoxy-Estradiol Selectively Kills Leukemia Cells," <i>AACR</i> , 41:766, 2000.
✓	C24	Paretzoglou, <i>et al.</i> , "Generation of reactive oxygen species from the photolysis of histidine by near-ultraviolet light: effects on T7 as a model biological system," <i>J. Photochem. And Photobiol.</i> , 43:101-105, 1998.

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EXAMINER:

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Exam. Init.	Ref. Des.	Citation
KAC	C25	Pellicano, <i>et al.</i> , "Enhancement of Drug-Induced Apoptosis by Modulating the Redox Status of CYTOCHROME C," <i>AARC</i> , 41:72, 2000.
	C26	Pritsos, <i>et al.</i> , "Effect of the superoxide dismutase inhibitor, diethyldithiocarbamate, on the cytotoxicity of mitomycin antibiotics," <i>Cancer Biochem Biophys.</i> , 10(4):289-298, 1989.
	C27	Ravid, <i>et al.</i> , "1,25-Dihydroxyvitamin D3 enhances the susceptibility of breast cancer cells to doxorubicin-induced oxidative damage," <i>Cancer Res.</i> , 59(4):862-867, 1999.
	C28	Shainkin-Kestenbaum, <i>et al.</i> , "Effect of aluminium on superoxide dismutase," <i>Clin. Sci. (Colch)</i> , 77(5):463-466, 1989.
	C29	Shainkin-Kestenbaum, <i>et al.</i> , "Effect of nickel on oxygen free radical metabolism. Inhibition of superoxide dismutase and enhancement of hydroxydopamine autoxidation," <i>Biol. Trace Elem. Res.</i> , 28(3):213-221, 1991.
	C30	Smith and Evans, "Inhibitory effect of superoxide-generating quinones on superoxide dismutase," <i>Biochem. Pharmacol.</i> , 33(19):3109-3110, 1984.
V	C31	Wang, <i>et al.</i> , "Diminished energy metabolism and enhanced apoptosis in livers of B6C3F1 mice treated with the antihepatocarcinogen rotenone," <i>Mol. Cell Biochem.</i> , 201(1-2):25-32, 1999.

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EXAMINER:

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